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(21) International Application Number: PCT/NL00/00269 (22) International Filing Date: 26 April 2000 (26.04.00) (30) Priority Data: 99201303.7 26 April 1999 (26.04.99) EP (71) Applicant (for all designated States except US): SCREEN TEC B.V. [NL/NL]; Einsteinweg 55, NL-2333 CC Leiden (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): VAN DER GREEF, Jan [NL/NL]; De Beaufortlaan 8, NL-3971 BM Driebergen (NL). IRTH, Hubertus [NL/NL]; Rooseveltlaan 112-II, NL-1078 NP Amsterdam (NL). (74) Agent: PRINS, A., W.; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).	(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: MASS SPECTROMETRY-BASED TECHNOLOGIES FOR CONTINUOUS FLOW BIOASSAYS USING KNOWN LIGANDS		
(57) Abstract The present invention relates to the on-line coupling of mass spectrometry (MS) to continuous-flow separation techniques. In a further embodiment, this on-line detection method is used as either a scanning or monitoring method. Furthermore, this invention relates to compounds detected by this method and the use of these compounds as a ligand for affinity molecules.		